

CSD Talking Points

Intro

- Central Sands Dairy, LLC is located in an area comprised of sandstone aquifers, which combined with the sandy top soil of the Central Sands Region of Wisconsin creates an area with increased ground filtration. Groundwater flow from this area flows in a southeasterly direction into Petenwill Lake, man-made flowage lake of the Wisconsin River that is impaired for Total Phosphorus and experiences extensive blue-green algal blooms.
- In 2012, Ex. 6 Personal Privacy (PP) of Companies (Owners/Operators of Central Sands Dairy) submitted an application to build another CAFO in Saratogo, Wisconsin approximately 27 Northeast of Central Sands Dairy, LLC called Golden Sands Dairy, LLC.
- September of 2012, Kenneth Wade P.E., P.G was hired by a citizen in the area to evaluate CSD's nutrient management plan and CSD's operation. The report highlighted the increasing level of nitrate contamination in the private drinking water wells surrounding both the facility and the manure land application fields.
- Central Sands Dairy, The Wisconsin Department of Natural Resources, the Wisconsin Department of Agriculture, Trade and Consumer Protection and Region 5 EPA have been involved in aspects of investigating the drinking water, ground water and surface water for pesticides, bacteria, nitrate, etc. contamination related to agriculture.

Issues

- Private Drinking water well sampling results. The Public Water System nitrate MCL of 10 mg/L of nitrate-nitrite is used as a reference level for these wells.
 - Since at least 2014, the Wisconsin Department of Agriculture, Trade and Consumer Protection has tested private wells for years and issued letters to citizens to transmit results stating that "... DHS recommends that all people avoid long-term consumption of water having nitrate concentrations greater than 10 mg/L."
 - In October of 2017, EPA found 5 five private wells out of the 15 sampled that had results >20 mg/L. Note that this sampling event was based on land application fields that could potentially be applied to but was not coordinated with planned land application.
 - **Ex. 5 Deliberative Process (DP)**

- WDNR's authority to investigate the groundwater contamination near Central Sands Dairy, LLC

Ex. 5 Deliberative Process (DP)

- WDNR's authority to enforce Central Sands Dairy, LLC potential permit violations on over-application of nitrogen and reporting violations.

Ex. 5 Deliberative Process (DP)